

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056943.D
 Acq On : 16 Dec 2023 22:07
 Operator : MD/SY
 Sample : 05811-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:03:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

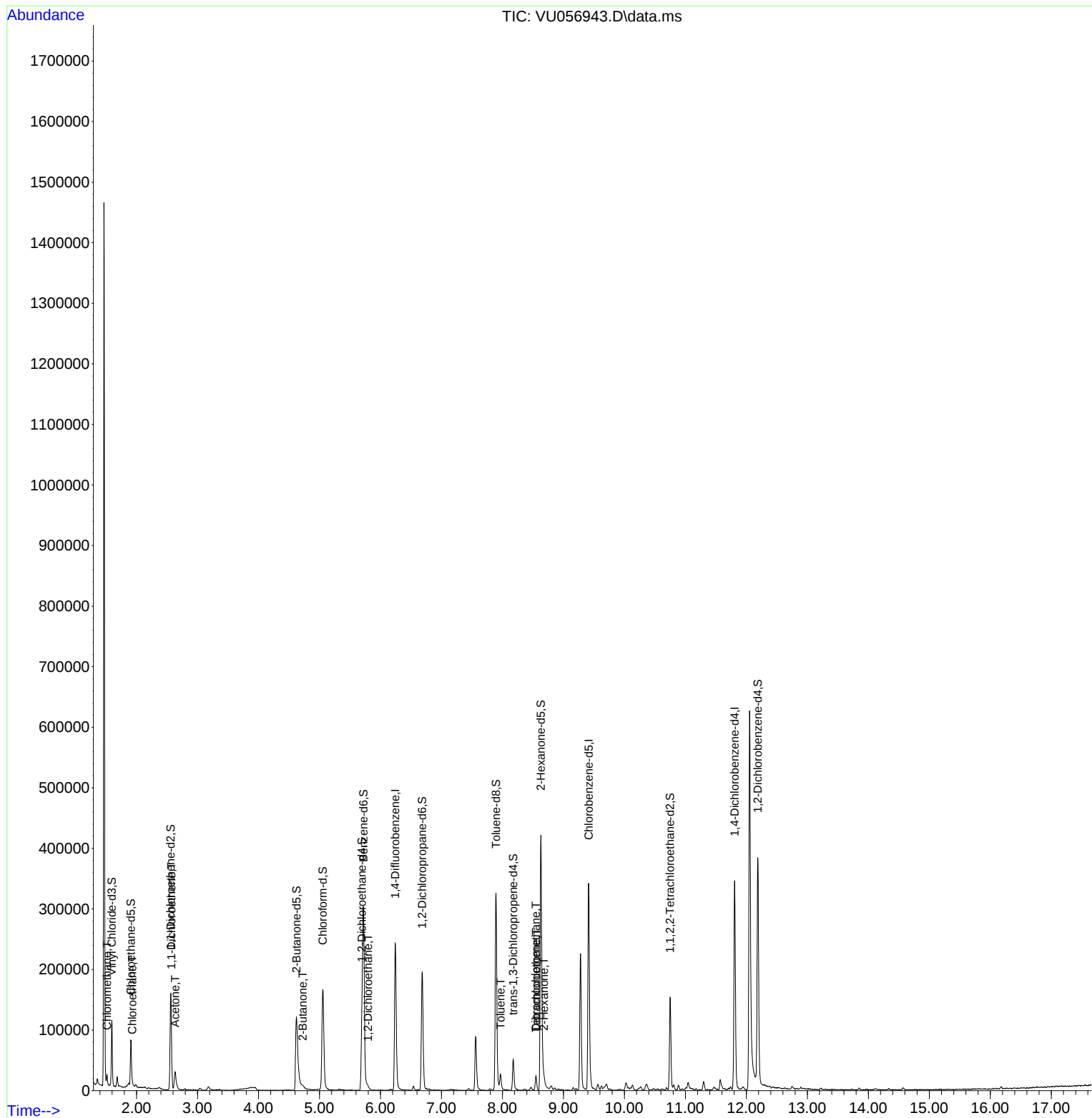
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	199810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	202308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91935	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67912	3.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.907	69	55603	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	30072	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.624	46	199667	59.032	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.060%
24) Chloroform-d	5.055	84	162760	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.695	65	79707	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.721	84	291044	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.682	67	95989	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.894	98	224114	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.177	79	30708	4.032	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.630	63	140298	48.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	78339	5.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	97776	5.410	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	10561	0.513	ug/L	96
8) Chloroethane	1.930	64	2141	0.179	ug/L	98
12) 1,1-Dichloroethene	2.570	96	2216	0.137	ug/L #	1
13) Acetone	2.634	43	42017	20.384	ug/L	100
21) 2-Butanone	4.724	43	6355	1.828	ug/L	76
27) 1,2-Dichloroethane	5.795	62	3735	0.191	ug/L #	74
42) Toluene	7.968	91	19120	0.260	ug/L	95
47) Tetrachloroethene	8.553	164	5171	0.379	ug/L	98
48) 2-Hexanone	8.682	43	7115	1.157	ug/L #	78
49) Dibromochloromethane	8.550	129	5637	0.399	ug/L #	11

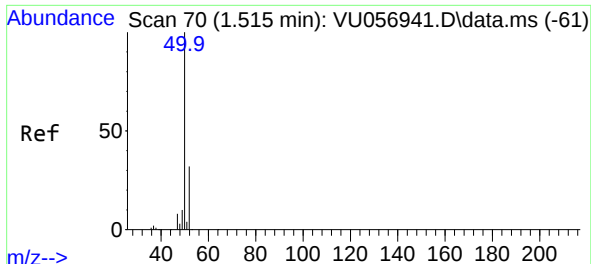
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
Data File : VU056943.D
Acq On : 16 Dec 2023 22:07
Operator : MD/SY
Sample : 05811-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

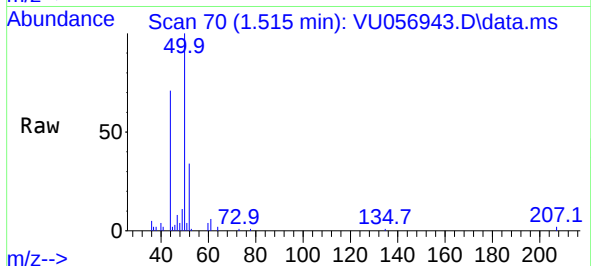
Quant Time: Dec 17 01:03:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration



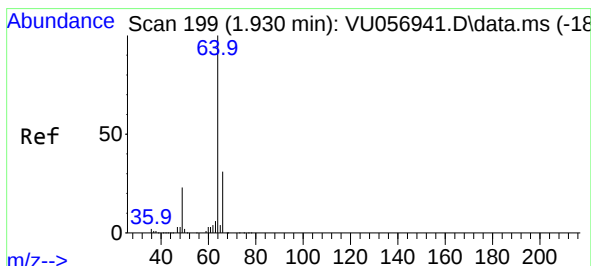
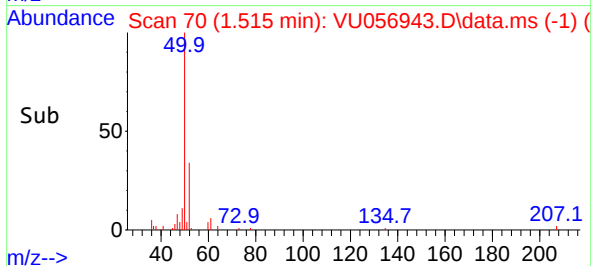
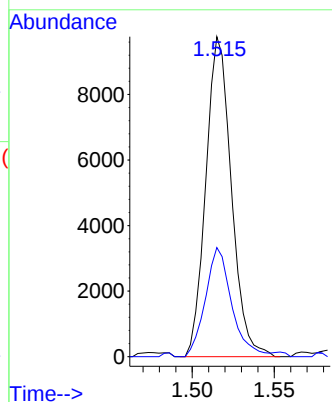


#3
Chloromethane
Concen: 0.513 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056943.D
Acq: 16 Dec 2023 22:07

Instrument :
MSVOA_U
ClientSampleId :

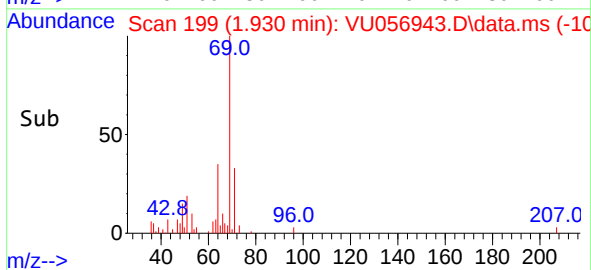
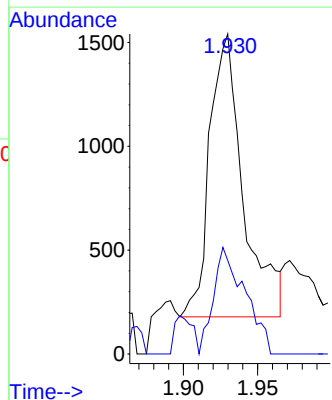
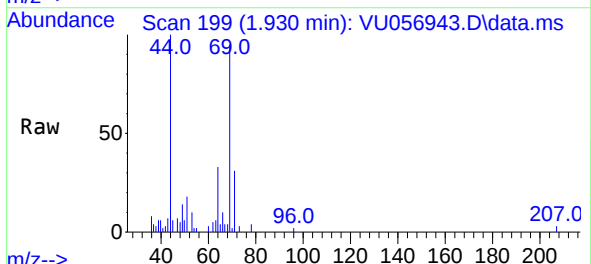


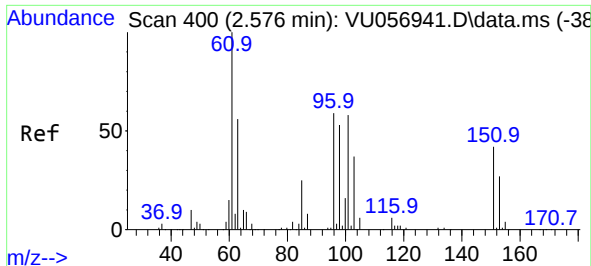
Tgt Ion: 50 Resp: 10561
Ion Ratio Lower Upper
50 100
52 34.1 22.5 41.7



#8
Chloroethane
Concen: 0.179 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056943.D
Acq: 16 Dec 2023 22:07

Tgt Ion: 64 Resp: 2141
Ion Ratio Lower Upper
64 100
66 29.3 21.4 39.8





#12

1,1-Dichloroethene

Concen: 0.137 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

Lab File: VU056943.D

Acq: 16 Dec 2023 22:07

Instrument :

MSVOA_U

ClientSampleId :

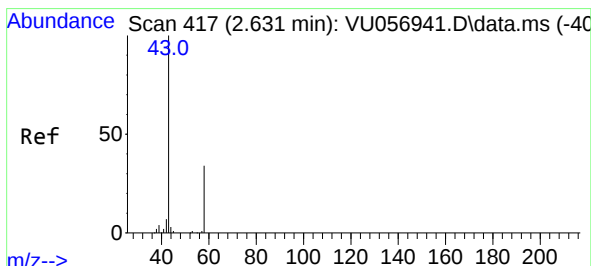
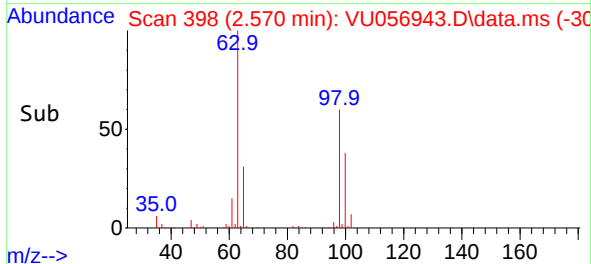
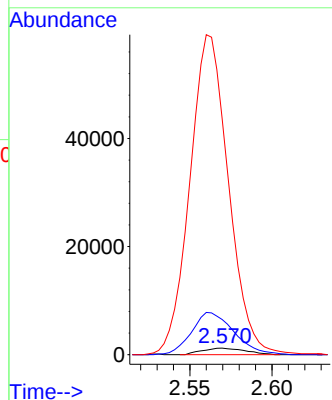
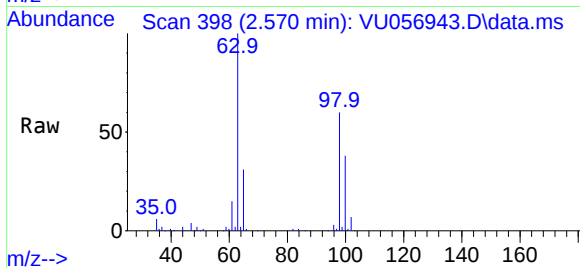
Tgt Ion: 96 Resp: 2216

Ion Ratio Lower Upper

96 100

61 535.5 119.0 221.0#

63 3602.0 88.7 164.7#



#13

Acetone

Concen: 20.384 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.006 min

Lab File: VU056943.D

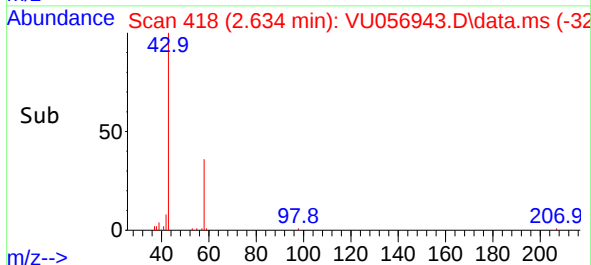
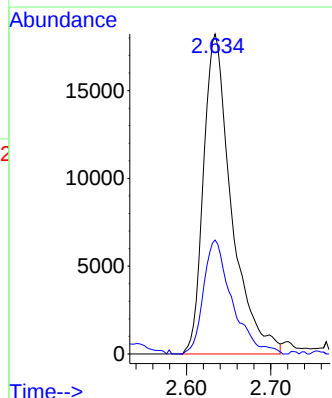
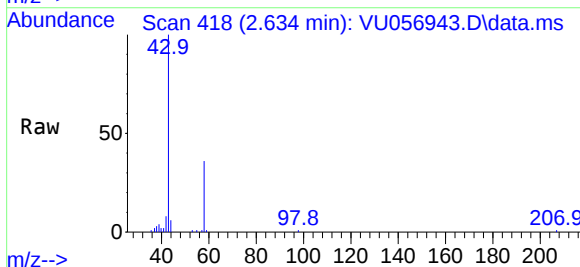
Acq: 16 Dec 2023 22:07

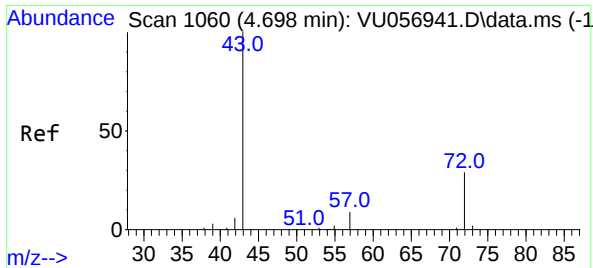
Tgt Ion: 43 Resp: 42017

Ion Ratio Lower Upper

43 100

58 36.4 0.0 72.6

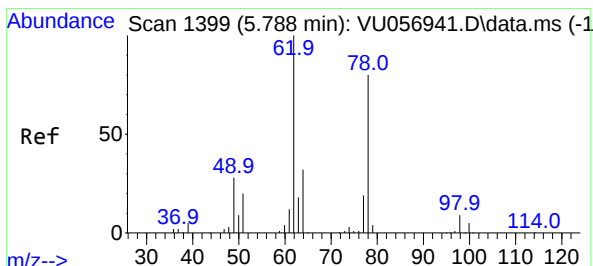
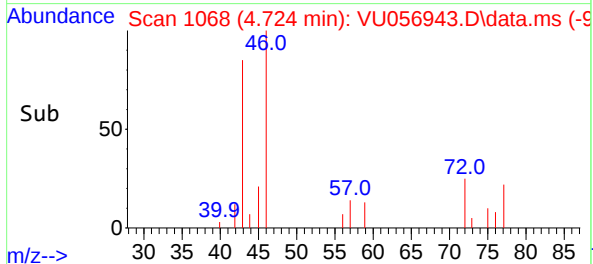
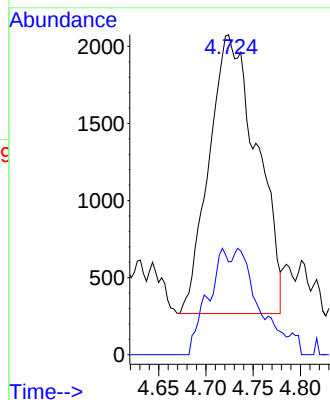
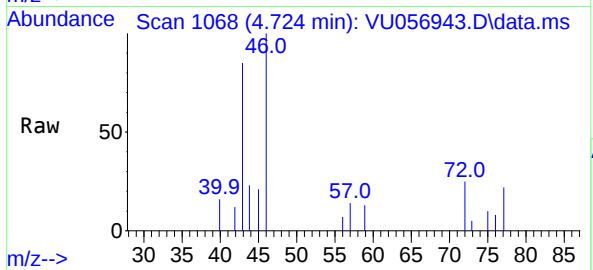




#21
2-Butanone
Concen: 1.828 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.026 min
Lab File: VU056943.D
Acq: 16 Dec 2023 22:07

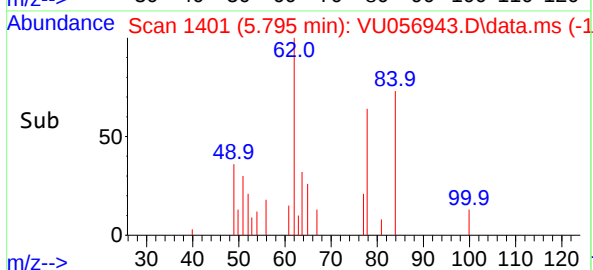
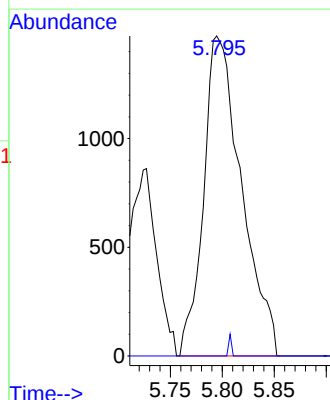
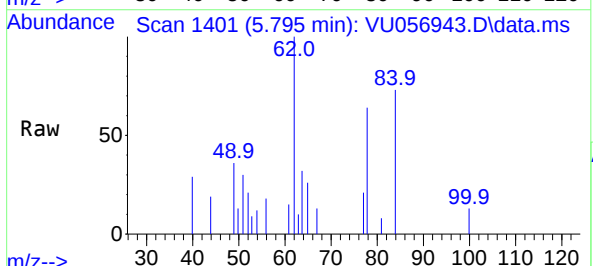
Instrument :
MSVOA_U
ClientSampleId :

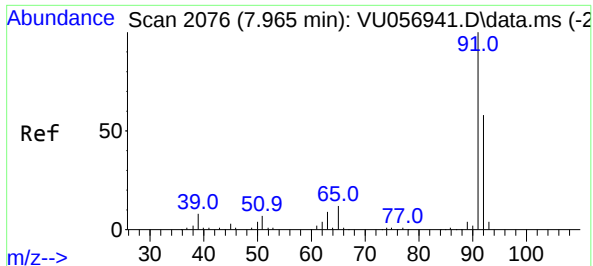
Tgt Ion: 43 Resp: 6355
Ion Ratio Lower Upper
43 100
72 16.5 14.6 43.8



#27
1,2-Dichloroethane
Concen: 0.191 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU056943.D
Acq: 16 Dec 2023 22:07

Tgt Ion: 62 Resp: 3735
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.6#





#42

Toluene

Concen: 0.260 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056943.D

Acq: 16 Dec 2023 22:07

Instrument :

MSVOA_U

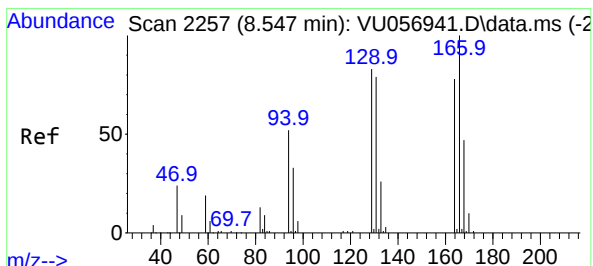
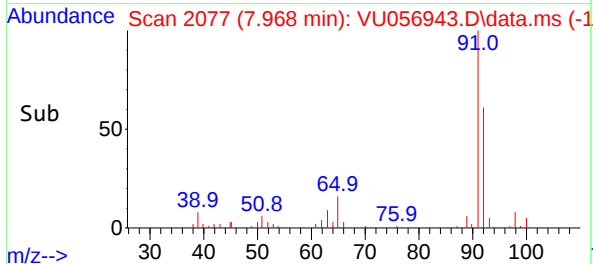
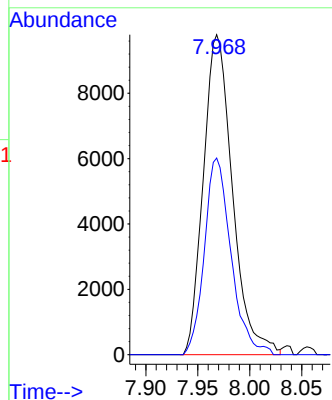
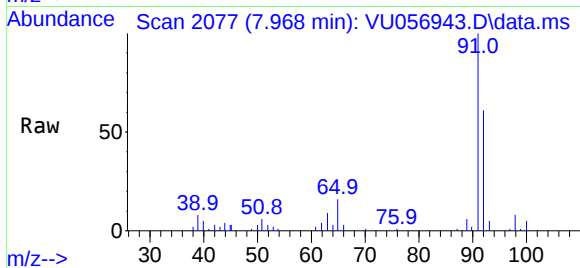
ClientSampleId :

Tgt Ion: 91 Resp: 19120

Ion Ratio Lower Upper

91 100

92 61.4 40.4 75.0



#47

Tetrachloroethene

Concen: 0.379 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU056943.D

Acq: 16 Dec 2023 22:07

Tgt Ion: 164 Resp: 5171

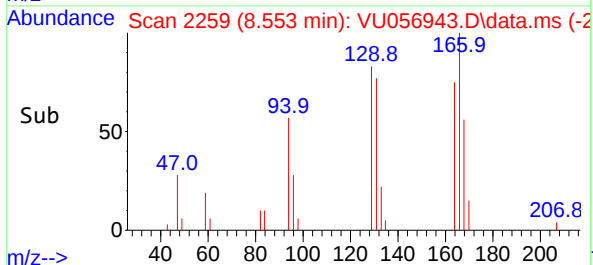
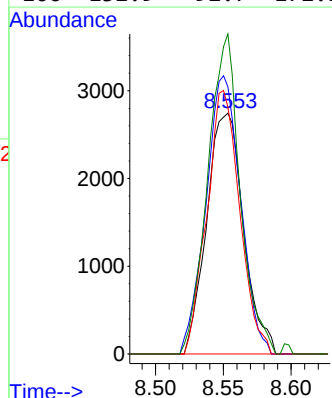
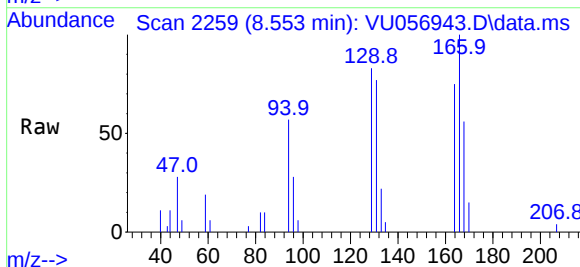
Ion Ratio Lower Upper

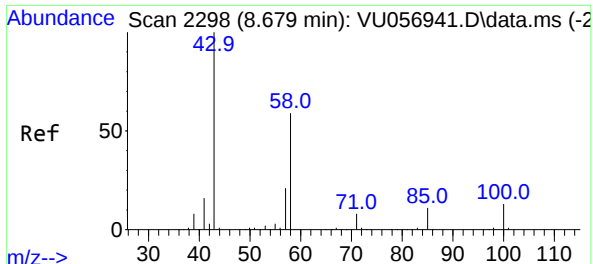
164 100

129 110.9 73.4 136.4

131 102.5 71.5 132.9

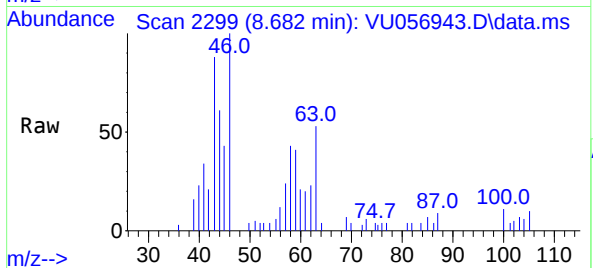
166 132.9 92.7 172.1



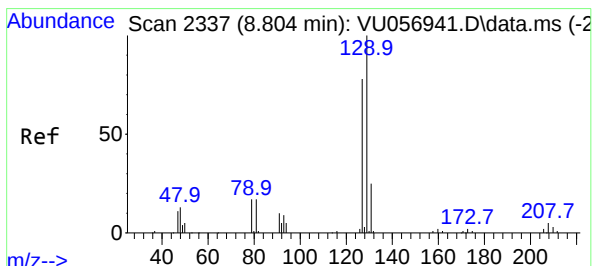
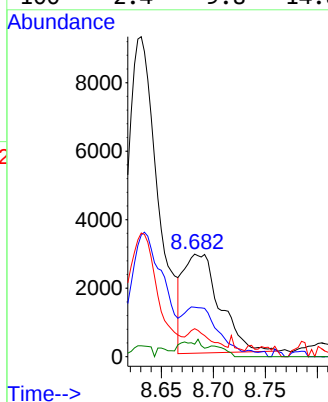
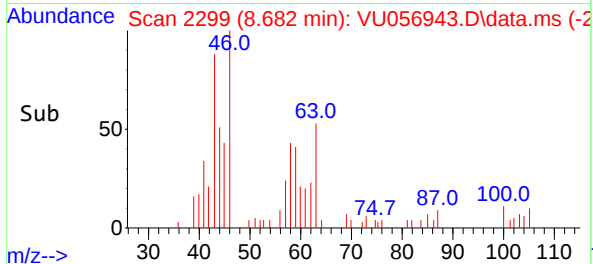


#48
2-Hexanone
Concen: 1.157 ug/L
RT: 8.682 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VU056943.D
Acq: 16 Dec 2023 22:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 7115
Ion Ratio Lower Upper
43 100
58 38.6 47.5 71.3#
57 19.1 17.0 25.4
100 2.4 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.399 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056943.D
Acq: 16 Dec 2023 22:07

Tgt Ion: 129 Resp: 5637
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#

